

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 11/25/2024 - 09:26 to 16:10

Weather

Temperature: 28 - 47 °F
Wind Speed: 15 - 26 miles per hour
Wind Direction: Northwest
Conditions: Cloudy

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.002 to 0.039 | 0.011427133 | 0.012 to 0.012 | 0.012 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.004 to 0.041 | 0.011427133 | 0.015 to 0.015 | 0.015 |

| North Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.000 to 0.037 | 0.012105813 | 0.013 to 0.013 | 0.013 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.000 to 0.050 | 0.013177878 | 0.014 to 0.014 | 0.014 |

| East Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.000 to 0.045 | 0.016322331 | 0.017 to 0.017 | 0.017 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.000 to 0.047 | 0.016322331 | 0.018 to 0.018 | 0.018 |

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.

Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.

Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 11/26/2024 - 07:41 to 15:47

Weather

Temperature: 22 - 38 °F
Wind Speed: 10 - 19 miles per hour
Wind Direction: West / Northwest
Conditions: Sunny

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.008 to 0.017 | 0.009540308 | 0.010 to 0.010 | 0.010 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.009 to 0.024 | 0.009540308 | 0.011 to 0.011 | 0.011 |

| North Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.008 to 0.025 | 0.011696121 | 0.012 to 0.012 | 0.012 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.009 to 0.025 | 0.012077022 | 0.012 to 0.012 | 0.012 |

| East Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.010 to 0.017 | 0.012087124 | 0.012 to 0.012 | 0.012 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.011 to 0.029 | 0.012087124 | 0.015 to 0.015 | 0.015 |

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.

Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.

Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).